

JAPANESE

[JP,08-237058,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE INVENTION
TECHNICAL PROBLEM MEANS OPERATION
EXAMPLE DESCRIPTION OF DRAWINGS DRAWINGS

[Translation done.]

* NOTICES *

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- 2.*** shows the word which can not be translated.
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CLAIMS

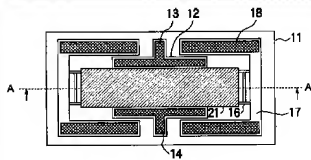
[Claim(s)]

[Claim 1]A surface acoustic wave apparatus comprising provided with a transducer which excites a surface acoustic wave based on a high frequency signal which was formed in the shape of a blind on a piezoelectric board, and was given: An insulator layer deposited on said transducer. It is formed on said insulator layer and is predetermined remnant magnetization and coercive force.

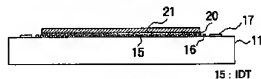
[Claim 2]A board of a ferromagnetic which has predetermined remnant magnetization and coercive force for the surface acoustic wave apparatus according to claim 1, A frequency characteristic adjustment method of a surface acoustic wave apparatus permanent-magnet-izing said board, a film, or a thin film of a stem and the ferromagnetic according to claim 1, carrying on a film or a stem and

Drawing selection

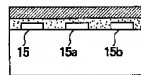
Representative drawi



(1)上面図



(2)A-A断面図



(3)拡大断面図



本発明の第1の実施例の弾性表面波共振子

[Translation done.]

applying a vertical static magnetic field to the piezoelectric board according to claim 1, and making surface pressure of said piezoelectric board regularity.

[Claim 3]The surface acoustic wave apparatus according to claim 1 which carries out the feature of having formed in said piezoelectric board bottom a thin film of a ferromagnetic which has predetermined remnant magnetization and coercive force.

[Claim 4]A frequency characteristic adjustment method of a surface acoustic wave apparatus permanent-magnet-izing a thin film of a ferromagnetic of the upper and lower sides of said piezoelectric board, applying a vertical static magnetic field to the piezoelectric board according to claim 3, and making surface pressure of said piezoelectric board regularity.

[Claim 5]In a surface acoustic wave apparatus provided with a transducer which excites a surface acoustic wave based on a high frequency signal which was formed in the shape of a blind on a piezoelectric board, and was given, A surface acoustic wave apparatus providing an insulator layer deposited on said transducer, and a thin film of a ferromagnetic which is formed on said insulator layer and does not have remnant magnetization and coercive force.

[Claim 6]A board of a ferromagnetic which does not have remnant magnetization and coercive force in the surface acoustic wave apparatus according to claim 5, A frequency characteristic adjustment method of a surface acoustic wave apparatus magnetizing said board, a film, or a thin film of a stem and the ferromagnetic according to claim 5, carrying on a film or a stem and applying a vertical variable static magnetic field to the piezoelectric board according to claim 5, and adjusting surface pressure of said piezoelectric board.

[Claim 7]The surface acoustic wave apparatus according to claim 5 which carries out the feature of having formed a thin film of a ferromagnetic which does not have remnant magnetization and coercive force in said piezoelectric board bottom.

[Claim 8]A frequency characteristic adjustment method of a surface acoustic wave apparatus magnetizing a thin film of a ferromagnetic of the upper and lower sides of said piezoelectric board, applying a vertical variable static magnetic field to the piezoelectric board according to claim 7, and adjusting surface pressure of said piezoelectric board.

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